ABSTRACT

The invention relates to a calibration device for calibrating extruded continuous profiles, in particular tubes, including a plurality of successively arranged segment rings comprised of individual segments (18, 18', 18") whose internal surfaces jointly form a calibration opening. Successively axially arranged segments (18, 18', 18") are assembled in the form of a segment block (16). The individual segments (18, 18', 18") of each segment block (16) are arranged on a support structure (30, 30'), and the segment blocks (16) are arranged, in an essentially circular form, in a housing (12, 14) in such a way that the axially adjacent segments (18, 18', 18") partially overlap each other at each position thereof in a circumferential direction. Each support structure (30, 30') is connected to at least one mounting and operating device (20, 20'). The individual segment blocks (16) which are associated to the support structures (30, 30') thereof are fixed to the housing (12, 14) with the aid of the mounting and operating device (20, 20'), and the adjustment of each segment block (16) is carried out in an axial direction. In order to facilitate the installation and assembly, each mounting and operating device (20, 20') is divided into two parts, wherein a first part (42, 60) is connected to the support structure (30, 30') and a second part (40, 62) is received in the housing (12, 14), and the two parts are connected with one another in a separable manner.